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Date: December 4, 2003

Docket No.: 2450-0595P

MS PATENT APPLICATION

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the patent application of

Inventors:

FANG, Chih-Hsing; HUANG, Wen-Nan;

CHEN, Chih-Hsin; CHEN, Wan-Pei and HWU, K.I.

For: RECIPROCATING AND ROTARY MAGNETIC REFRIGERATION APPARATUS

Enclosed are:

\boxtimes	A specification consisting of Seventeen (17) pages
\boxtimes	Four (4) sheet(s) formal drawings
	Applicant claims small entity status under 37 C.F.R. § 1.27
\boxtimes	Applicant does not claim priority
	Applicant claims the right of priority under the provisions of 35 U.S.C. § 119 and 37 C.F.R. § 1.55(a) based on Application No(s). filed in on . Certified copy(ies) is(are) attached hereto. Certified copy(ies) will follow.
\boxtimes	Executed Declaration (Original Photocopy)
\boxtimes	An assignment of the invention

	Application Data Sheet in accordance with 37 C.F.R. § 1.76
	Preliminary Amendment
\boxtimes	Information Disclosure Statement, PTO-1449 and reference(s)
	Other:
	Applicant requests early publication - \$300.00 publication fee
	Non-publication Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i)

The filing fee has been calculated as shown below:

			LARGE ENTITY	SMALL ENTITY
	BASIC FEE		\$770.00	\$385.00
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE
TOTAL	18- 20 =	0	X 18 = \$0.00	x 9 = \$0.00
INDEPENDENT CLAIMS	2- 3 =	0	x 86 = \$0.00	x 43 = \$0.00
MULTIPLE DEPENDENT CLAIMS PRESENTED		T	+ \$290.00	+ \$145.00
		TOTAL	\$770.00	\$0.00

\boxtimes	A check in the amount of \$810.00 to cover the filing fee and recording fee (if applicable) is enclosed.
	Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
\boxtimes	Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 02292 P.O. Box 747 Falls Church, VA 22040-0747 (703) 205-8000

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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#32,334

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Attachment(s)

(Rev. 11/30/03)